

AHSA1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15294**Specification**

AHSA1 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O95433
Other Accession	NM_012111 , NP_036243
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa

AHSA1 Antibody - C-terminal region - Additional Information**Gene ID** 10598**Alias Symbol** **AHA1, C14orf3, p38****Other Names**

Activator of 90 kDa heat shock protein ATPase homolog 1, AHA1, p38, AHSA1, C14orf3

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-AHSA1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

AHSA1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

AHSA1 Antibody - C-terminal region - Protein Information**Name** AHSA1**Synonyms** C14orf3**Function**

Acts as a co-chaperone of HSP90AA1 (PubMed:[29127155](http://www.uniprot.org/citations/29127155)). Activates the ATPase activity of HSP90AA1 leading to increase in its chaperone activity (PubMed:[29127155](http://www.uniprot.org/citations/29127155)). Competes with the inhibitory co- chaperone FNIP1 for binding to HSP90AA1, thereby providing a reciprocal

regulatory mechanism for chaperoning of client proteins (PubMed:27353360). Competes with the inhibitory co-chaperone TSC1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:29127155).

Cellular Location

Cytoplasm, cytosol. Endoplasmic reticulum. Note=May transiently interact with the endoplasmic reticulum

Tissue Location

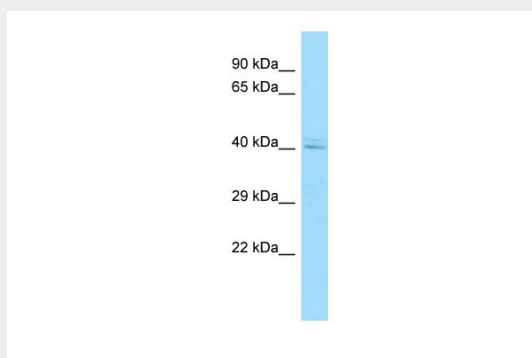
Expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.

AHSA1 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AHSA1 Antibody - C-terminal region - Images



WB Suggested Anti-AHSA1 Antibody Titration: 1.0 µg/ml

Positive Control: MCF7 Whole CellAHSA1 is supported by BioGPS gene expression data to be expressed in MCF7

AHSA1 Antibody - C-terminal region - References

Michaud J.,et al.Submitted (JUN-1999) to the EMBL/GenBank/DDBJ databases.
Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Heilig R.,et al.Nature 421:601-607(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.